L	Hits	Search Text	DB	Time stamp
Number				
1	7	((position\$3 or location\$1 or angle\$1 or angular) with (request\$4 near2 command\$1)) and bucket\$1	USPAT; US-PGPUB; EPO; JPO;	2004/09/27
2	53	((position\$3 or location\$1 or angle\$1 or angular) with (request\$4 near2 (command\$1 or signal\$1))) and bucket\$1	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/27
3	90	((position\$3 or location\$1 or angle\$1 or angular) same (request\$4 near2 (command\$1 or signal\$1))) and bucket\$1	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/27
4	25	"4982185"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/27 . 15:44
-	8	BRATZDRUM-E	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/16 11:31
· -	2	BRATZDRUM-ERWIN-DIPL-ING	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/16
-	15	BRATZDRUM-ERWIN	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/20
-	2082	heidenhain.asn.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/16 12:13
-	0	heidenhain.asn. and (linear adj bus)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/16 12:18
-	21	heidenhain.asn. and bus	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/16 12:27
-	126	(linear near bus) and position\$3	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/16 12:46
-	36	(linear near bus) and position\$3 and request\$4 and sync\$14	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/16 13:14
-	36	(linear near bus) and position\$3 and request\$4 and simultan\$14	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/16 13:19
-	325	(linear near topolog\$3) and position\$3 and request\$4 and simultan\$14	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/16 13:20
			DERWENT; IBM TDB	

_	112	(linear near topolog\$3) and position\$3 and request\$4 and sync\$19	USPAT; US-PGPUB;	2004/09/16 13:20
		-	EPO; JPO;	
			DERWENT;	
1_	12	(linear near topolog\$3) and position\$3	IBM_TDB USPAT;	2004/09/16
	12	and request\$4 and sync\$19 and bus	US-PGPUB;	13:28
		and reduced: and reduced and reduced	EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	0004/00/16
-	14	(linear near topolog\$3) and position\$3 and request\$4 and simultan\$14 and bus	USPAT; US-PGPUB;	2004/09/16
		and requesty and simultanyis and bus	EPO; JPO;	13.22
			DERWENT;	,
1.			IBM_TDB	
-	3	(bucket adj chain\$1) and position\$3 and	USPAT;	2004/09/16
		request\$4 and sync\$14	US-PGPUB; EPO; JPO;	13:26
			DERWENT;	
			IBM_TDB	
-	4	(bucket adj chain\$1) and position\$3 and	USPAT;	2004/09/16
		request\$4 and simultan\$14	US-PGPUB;	13:27
			EPO; JPO; DERWENT;	
			IBM TDB	
-	221	(bus near topolog\$3) and position\$3 and	USPAT;	2004/09/16
		request\$4 and simultan\$19 and bus	US-PGPUB;	13:29
l .			EPO; JPO; DERWENT;	
,			IBM TDB	
_	204	(bus near topolog\$3) and position\$3 and	USPAT;	2004/09/16
		request\$4 and sync\$19 and bus	US-PGPUB;	14:18
			EPO; JPO;	
			DERWENT; IBM TDB	
- `	18	 (bus near topolog\$3) and position\$3 and	USPAT;	2004/09/16
		(position\$4 with request\$4) and sync\$19	US-PGPUB;	14:52
		and bus	EPO; JPO;	
			DERWENT;	
_	18	(bus near topolog\$3) and position\$3 and	IBM_TDB USPAT;	2004/09/16
		(position\$4 with request\$4) and	US-PGPUB;	14:52
		simultan\$19 and bus	EPO; JPO;	
			DERWENT;	
1_	706	(702/150).CCLs.	IBM_TDB USPAT;	2004/09/16
	,,,,	100,100,10000	US-PGPUB;	14:56
			EPO; JPO;	
			DERWENT;	
_ ,	88	((702/150).CCLS.) and bus	IBM_TDB USPAT;	2004/09/16
	"	(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	US-PGPUB;	15:00
			EPO; JPO;	
			DERWENT;	
1_	2	((702/150).CCLS.) and ((linear near bus)	IBM_TDB USPAT;	2004/09/16
	4	or (bus near topolog\$4))	US-PGPUB;	14:55
		,	EPO; JPO;	
			DERWENT;	
		//700/150\ CCTC \ and //linear reserv	IBM_TDB	2004/00/15
1	2	((702/150).CCLS.) and ((linear near bus) or ((bus or network\$1) near topolog\$4))	USPAT; US-PGPUB;	2004/09/16 16:10
			EPO; JPO;	10.10
			DERWENT;	
			IBM_TDB	
-	247	(702/151).CCLS.	USPAT;	2004/09/16
			US-PGPUB; EPO; JPO;	14:56
			DERWENT;	
			IBM_TDB	

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•		

		1//200/4541	******	2004/00/00
-	0	((702/151).CCLS.) and ((linear near bus)	USPAT;	2004/09/23
		or ((bus or network\$1) near topolog\$4))	US-PGPUB;	11:22
			EPO; JPO;	
			DERWENT; IBM TDB	
1_	3	((702/151).CCLS.) and bus and request\$4	USPAT;	2004/09/16
-	,	((/02/131).ccbs.) and bus and requesty	US-PGPUB;	14:57
			EPO; JPO;	14.57
			DERWENT;	
			IBM TDB	
_	21	((702/150).CCLS.) and bus and request\$4	USPAT;	2004/09/16
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	US-PGPUB;	15:04
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	40	(linear near2 (bus or topolog\$4)) and	USPAT;	2004/09/16
		bus and (position\$1 with request\$5)	US-PGPUB;	16:13
			EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	2004/20/17
-	104	(linear near2 (bus or topolog\$4)) and	USPAT;	2004/09/17
		bus and ((position\$1 or location\$1) same	US-PGPUB;	15:36
		request\$6)	EPO; JPO; DERWENT;	
	}		IBM TDB	
_	104	(linear near2 (bus or topolog\$4)) and	USPAT;	2004/09/17
	104	bus and ((position\$4 or location\$1) same	US-PGPUB;	17:35
		request\$6) and (position\$4 or location\$1)	EPO; JPO;	1,,,,,,
			DERWENT;	
			IBM TDB	
-	2	"6388906"	USPAT;	2004/09/17
			US-PGPUB;	13:30
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	4	"6603672"	USPAT;	2004/09/17
			US-PGPUB;	13:31
			EPO; JPO;	
			DERWENT; IBM TDB	
1_	2	"20020015389"	USPAT;	2004/09/17
	_	20020013303	US-PGPUB;	13:37
			EPO; JPO;	13.37
			DERWENT;	
			IBM TDB	
-	2	"20020015449"	USPAT;	2004/09/23
			US-PGPUB;	11:18
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	0004/00/17
-	48	(linear near2 network\$1) and bus and	USPAT;	2004/09/17
		((position\$4 or location\$1) same	US-PGPUB;	15:39
		request\$6) and (position\$4 or location\$1)	EPO; JPO; DERWENT;	
			IBM TDB	
_	102	(linear same (bus or topolog\$4)) same	USPAT;	2004/09/17
	102	bus same ((position\$4 or location\$1) same	US-PGPUB;	17:01
		request\$6) same (position\$4 or	EPO; JPO;	
		location(1)	DERWENT;	
			IBM TDB	
-	102	(linear same bus) same bus same	USPAT;	2004/09/17
		((position\$4 or location\$1) same	US-PGPUB;	17:02
		request\$6) same (position\$4 or	EPO; JPO;	
		location\$1)	DERWENT;	
1			IBM_TDB	
-	12	((linear same bus) same bus same	USPAT;	2004/09/17
		((position\$4 or location\$1) same	US-PGPUB;	17:02
		request\$6) same (position\$4 or	EPO; JPO;	
		location\$1) same (shaft\$1 or disk\$1))	DERWENT;	
L	L		IBM_TDB	

-	3330	(serial near bus) and ((position\$4 or location\$1) same request\$6) and (position\$4 or location\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/17 17:36
			IBM TDB	
-	1644	(serial near bus) and ((position\$4 or location\$1) with request\$6) and (position\$4 or location\$1)	USPAT; US-PGPUB; EPO; JPO;	2004/09/17 17:37
			DERWENT;	
_	0	(serial near bus) and ((position\$4 or	IBM_TDB USPAT;	2004/09/17
		location\$1) with request\$6) and (position\$4 or location\$1) and (bucket near2 chain\$1)	US-PGPUB; EPO; JPO; DERWENT;	17:38
			IBM_TDB	0004/00/45
_	3	(serial near bus) and (position\$4 or location\$1) and (bucket near2 chain\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/17
_	1374	(bus near2 (topolog\$3 or linear)) and	IBM_TDB USPAT;	2004/09/22
	1371	(position\$3 or location\$1)	US-PGPUB; EPO; JPO; DERWENT;	16:20
			IBM_TDB	
-	305	(bus near2 (topolog\$3 or linear)) and	USPAT;	2004/09/17
		((position\$3 or location\$1) with (measur\$9 or detect\$5 or sensor\$1 or	US-PGPUB; EPO; JPO;	17:52
ļ		sensing))	DERWENT;	
_	6	 (bus near2 (topolog\$3 or linear)) and	IBM_TDB USPAT;	2004/09/17
		((position\$3 or location\$1) with	US-PGPUB;	17:46
		(measur\$9 or detect\$5 or sensor\$1 or sensing)) and bucket\$1	EPO; JPO; DERWENT; IBM TDB	
_	2926	((bus near2 (topolog\$3 or linear)) or (linear with topolog\$4)) and ((position\$3 or location\$1) with (measur\$9 or detect\$5	USPAT; US-PGPUB; EPO; JPO;	2004/09/17 17:53
		or sensor\$1 or sensing))	DERWENT;	
_	2821	((bus near2 (topolog\$3 or linear)) or	IBM_TDB USPAT;	2004/09/17
		(linear near2 topolog\$4)) and ((position\$3 or location\$1) with	US-PGPUB; EPO; JPO;	17:54
		(measur\$9 or detect\$5 or sensor\$1 or sensing))	DERWENT; IBM TDB	
-	71	((bus near2 (topolog\$3 or linear)) or	USPAT;	2004/09/20
		(linear near2 topolog\$4)) and ((position\$3 or location\$1) with	US-PGPUB; EPO; JPO;	10:41
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and ((position\$3 or location\$1)	IBM_TDB	
_	2926	with request\$3) ((bus near2 (topolog\$3 or linear)) or '	USPAT;	2004/09/20
		(linear with topolog\$4)) and ((position\$3	US-PGPUB;	10:28
		or location\$1) with (measur\$9 or detect\$5 or sensor\$1 or sensing))	EPO; JPO; DERWENT;	
			IBM_TDB	
-	610	370/\$.ccls. and ((bus near2 (topolog\$3 or linear)) or (linear with topolog\$4))	USPĀT;	2004/09/20 11:36
		Timear;; Or (Timear with copolog34);	US-PGPUB; EPO; JPO;	11.30
			DERWENT;	
_	2	(mesh near2 topolog\$4) and ((position\$3	IBM_TDB USPAT;	2004/09/20
	_	or location\$1) with (measur\$9 or detect\$5	US-PGPUB;	11:34
		or sensor\$1 or sensing)) and ((position\$3 or location\$1) with request\$3)	EPO; JPO; DERWENT;	
		•	IBM TDB	
-	63	370/\$.ccls. and ((bus near2 (topolog\$3 or	USPAT;	2004/09/22
		linear)) or (linear with topolog\$4)) and ((position\$3 or location\$1) with	US-PGPUB; EPO; JPO;	11:05
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
	<u> </u>	sensing))	IBM_TDB	

-	9	375/\$.ccls. and ((bus near2 (topolog\$3 or	USPAT;	2004/09/22
		linear)) or (linear with topolog\$4)) and	US-PGPUB;	16:28
		((position\$3 or location\$1) with	EPO; JPO;	
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing))	IBM_TDB	
-	114		USPAT;	2004/09/22
		((position\$3 or location\$1) with	US-PGPUB;	11:18
		(measur\$9 or detect\$5 or sensor\$1 or	EPO; JPO;	
		sensing))	DERWENT;	
			IBM TDB	
_	162	370/\$.ccls. and (point near point) and	USPAT;	2004/09/22
		((position\$3 or location\$1) with	US-PGPUB;	11:28
		(measur\$9 or detect\$5 or sensor\$1 or	EPO; JPO;	
		sensing))	DERWENT;	
			IBM TDB	
_	39	(702/150,151).ccls. and (point near	USPAT;	2004/09/22
_	39	point)	US-PGPUB;	11:57
		point)	EPO; JPO;	11.57
			DERWENT;	
		1700 (170 171)	IBM_TDB	0004/00/00
<u> </u>	4		USPAT;	2004/09/22
1		(topolog\$3 or linear)) or (linear with	US-PGPUB;	15:56
		topolog\$4))	EPO; JPO;	
1	1		DERWENT;	
1			IBM_TDB	
-	0	(702/152,153).ccls. and ((bus near2	USPAT;	2004/09/22
		(topolog\$3 or linear)) or (linear with	US-PGPUB;	12:04
		topolog\$4))	EPO; JPO;	
	1		DERWENT;	
i		·	IBM TDB	
l –	157	(702/150,151).ccls. and serial\$3	USPAT;	2004/09/22
			US-PGPUB;	15:59
i .	1		EPO; JPO;	
		·	DERWENT;	
			IBM TDB	
_	558	(bucket\$1 near chain\$1) and (position\$3	USPAT;	2004/09/22
	330	or location\$1)	US-PGPUB;	16:21
		or rocacionary	EPO; JPO;	10.21
			DERWENT;	
1			IBM TDB	
	10	(hh. 401 h.in 61) and (manihi an 62		2004/09/22
-	18	(bucket\$1 near chain\$1) and (position\$3	USPAT;	16:21
		or location\$1) and bus	US-PGPUB;	16:21
			EPO; JPO;	
		(i)	DERWENT;	
1		1,,,	IBM_TDB	2004/05/55
-	9179	((bus near2 (topolog\$3 or linear)) or	USPAT;	2004/09/22
1		ethernet\$1 or(linear with topolog\$4)) and	US-PGPUB;	16:29
1	1	((position\$3 or location\$1) with	EPO; JPO;	•
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
[sensing))	IBM_TDB	
-	791	((bus near2 (topolog\$3 or linear)) or	USPAT;	2004/09/22
		ethernet\$1 or(linear with topolog\$4)) and	US-PGPUB;	16:30
1		((position\$3 or location\$1) with	EPO; JPO;	
1		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and shaft\$1	IBM_TDB	
-	306	((bus near2 (topolog\$3 or linear)) or	USPAT;	2004/09/22
		ethernet\$1 or (linear with topolog\$4))	US-PGPUB;	16:30
1		and ((position\$3 or location\$1) with	EPO; JPO;	[.
1		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and (shaft\$1 with (position\$1	IBM TDB	
		or location\$1))		
-	1140	((bus near2 (topolog\$3 or linear)) or	USPAT;	2004/09/22
	-1.5	ethernet\$1 or (linear with topolog\$4))	US-PGPUB;	16:34
		and ((position\$3 or location\$1) with	EPO; JPO;	
1		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	·
1		sensing)) and ((position\$3 or location\$1)	IBM_TDB	
1		with request\$5)	101100	
l .	<u> </u>	1 HIGH TOUROUPO!		

-	936	' ' ' ' ' ' ' ' ' ' ' '	USPAT;	2004/09/22
		ethernet\$1 or (linear with topolog\$4))	US-PGPUB;	16:36
		and ((position\$3 or location\$1) with	EPO; JPO;	
İ		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and ((position\$3 or location\$1)	IBM_TDB	
		with request\$5) and (sync\$19 or simultan\$9)		
_	217		USPAT;	2004/09/23
	""	ethernet\$1 or (linear with topolog\$4))	US-PGPUB;	11:59
		and ((position\$3 or location\$1) with	EPO; JPO;	11103
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and ((position\$3 or location\$1)	IBM_TDB	
		with request\$5) and ((sync\$19 or	_	•
		simultan\$9) with request\$5)		
-	2	"20030135348"	USPAT;	2004/09/23
			US-PGPUB;	11:20
			EPO; JPO;	
	}		DERWENT;	
		(/702/176) 6616) 1 (/14	IBM_TDB	2024 (22 (22
-	4	',',,, '\	USPAT;	2004/09/23
		or ((bus or network\$1) near topolog\$4))	US-PGPUB;	11:22
	1	•	EPO; JPO; DERWENT;	
	1		IBM TDB	
-	220	(serial\$5 with transmission\$1)and	USPAT;	2004/09/23
	1	((position\$3 or location\$1) with	US-PGPUB;	11:30
		(measur\$9 or detect\$5 or sensor\$1 or	EPO; JPO;	
		sensing)) and ((position\$3 or location\$1)	DERWENT;	
		with request\$5) and ((sync\$19 or	IBM_TDB	
		simultan\$9) with request\$5)	_	
-	12	1	USPAT;	2004/09/23
		((position\$3 or location\$1) with	US-PGPUB;	11:32
		(measur\$9 or detect\$5 or sensor\$1 or	EPO; JPO;	
		sensing)) and ((position\$3 or location\$1)	DERWENT;	
		with request\$5) and (numerical near control\$4)	IBM_TDB	
_	49		USPAT;	2004/09/23
		ethernet\$1 or (linear with topolog\$4))	US-PGPUB;	12:01
		and ((position\$3 or location\$1) with	EPO; JPO;	12001
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and (numerical near control\$4)	IBM_TDB	
-	6	((bus near2 (topolog\$3 or linear)) or	USPAT;	2004/09/23
		(linear with topolog\$4)) and ((position\$3	US-PGPUB;	12:03
		or location\$1) with (measur\$9 or detect\$5	EPO; JPO;	
		or sensor\$1 or sensing)) and (numerical	DERWENT;	
1_	6	near control\$4) (((bus or mesh) near2 (topolog\$3 or	IBM_TDB	2004/09/23
	ľ	linear)) or (linear with topolog\$4)) and	USPAT; US-PGPUB;	12:04
1		((position\$3 or location\$1) with	EPO; JPO;	
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and (numerical near control\$4)	IBM TDB	
-	49	(((bus or mesh) near2 (topolog\$3 or	USPĀT;	2004/09/23
		linear)) or ethernet or (linear with	UŚ-PGPUB;	12:34
		topolog\$4)) and ((position\$3 or	EPO; JPO;	
		location\$1) with (measur\$9 or detect\$5 or	DERWENT;	
		sensor\$1 or sensing)) and (numerical near	IBM_TDB	
_	14	control\$4) (((bus or mesh) near2 (topolog\$3 or	IIGDAT.	2004/09/23
	14	linear)) or ethernet or (linear with	USPAT; US-PGPUB;	12:30
		topolog\$4)) and ((angle or angular) with	EPO; JPO;	12.30
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and (numerical near control\$4)	IBM TDB	
_	18	(serial\$4 near (transmission or	USPAT;	2004/09/23
		network\$1)) and ((position\$3 or	US-PGPUB;	12:37
		location\$1 or angle\$1 or angular) with	EPO; JPO;	
1		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and (numerical near control\$4)	IBM_TDB	
-	61	(serial\$4 with (transmission or	USPAT;	2004/09/23
		network\$1)) and ((position\$3 or	US-PGPUB;	15:13
		location\$1 or angle\$1 or angular) with (measur\$9 or detect\$5 or sensor\$1 or	EPO; JPO;	
		sensing)) and (numerical near control\$4)	DERWENT; IBM TDB	
	L		TOLL IDD	L

-	49	ethernet and ((position\$3 or location\$1	USPAT;	2004/09/23
		or angle\$1 or angular) with (measur\$9 or	US-PGPUB;	15:14
		detect\$5 or sensor\$1 or sensing)) and	EPO; JPO; DERWENT;	
		(numerical near control\$4)	IBM TDB	
1_	۱ 6	(((bus or mesh) near2 (topolog\$3 or	USPAT;	2004/09/24
		linear)) or (linear with topolog\$4)) and	US-PGPUB;	12:15
		((position\$3 or location\$1 or angle\$1 or	EPO; JPO;	22723
		angular) with (measur\$9 or detect\$5 or	DERWENT;	
		sensor\$1 or sensing)) and (numerical near	IBM TDB	
		control\$4)	_	
-	2726	(((bus or mesh) near2 (topolog\$3 or	USPAT;	2004/09/23
		linear)) or (linear with topolog\$4)) and	US-PGPUB;	15:41
		(position\$1 with encod\$4)	EPO; JPO;	
			DERWENT;	
		i	IBM_TDB	0004/00/00
-	204	(((bus or mesh) near2 (topolog\$3 or	USPAT;	2004/09/23
		linear)) or (linear with topolog\$4)) and	US-PGPUB;	16:18
		(position\$1 with encod\$4) and request\$4	EPO; JPO; DERWENT;	
			IBM TDB	
	1	(((bus or mesh) near2 (topolog\$3 or	USPAT;	2004/09/23
	l +	linear)) or (linear with topolog\$4)) and	US-PGPUB;	16:18
		(position\$1 with encod\$4) and (numerical	EPO; JPO;	10.10
		near control\$4)	DERWENT;	
		11002 001102027 17	IBM TDB	
_	1	(((bus or mesh) near2 (topolog\$3 or	USPAT;	2004/09/23
	_	linear)) or (linear with topolog\$4)) and	US-PGPUB;	16:22
	1	(position\$3 with encod\$4) and (numerical	EPO; JPO;	
		near control\$4)	DERWENT;	
			IBM_TDB	
-	16	(serial\$4 with (transmission or	USPAT;	2004/09/23
1		network\$1)) and (position\$3 with encod\$4)	US-PGPUB;	16:23
		and (numerical near control\$4)	EPO; JPO;	
		<u>,</u>	DERWENT;	
	3	(((bus or mesh) near2 (topolog\$3 or	IBM_TDB USPAT;	2004/09/24
-)	linear)) or (linear with topolog\$4)) and	US-PGPUB;	12:16
•		((position\$3 or location\$1 or angle\$1 or	EPO; JPO;	12.10
		angular) with (measur\$9 or detect\$5 or	DERWENT;	
		sensor\$1 or sensing)) and (numerical near	IBM TDB	
]	control\$4) and ((position\$3 or location\$1	_	
		or angle\$1 or angular) with request\$4)		
_	6	(((bus or mesh) near2 (topolog\$3 or	USPAT;	2004/09/24
		linear)) or (linear with topolog\$4)) and	US-PGPUB;	12:17
		((position\$3 or location\$1 or angle\$1 or	EPO; JPO;	
		angular) with (measur\$9 or detect\$5 or	DERWENT;	
		sensor\$1 or sensing)) and (numerical near	IBM_TDB	
		control\$4) and ((position\$3 or location\$1 or angle\$1 or angular) same request\$4)		
_	_	(((bus or mesh) near2 (topolog\$3 or	USPAT;	2004/09/24
		linear)) or (linear with topolog\$4)) and	US-PGPUB;	12:28
		((position\$3 or location\$1 or angle\$1 or	EPO; JPO;	
	1	angular) with (measur\$9 or detect\$5 or	DERWENT;	
		sensor\$1 or sensing)) and (numerical near	IBM TDB	
i	1	control\$4) and ((position\$3 or location\$1	_	
		or angle\$1 or angular or data) same	1	
		request\$4)		
-	25	, , , , , , , , , , , , , , , , , , ,	USPAT;	2004/09/24
		network\$1)) and ((position\$3 or	US-PGPUB;	12:27
		location\$1 or angle\$1 or angular) with	EPO; JPO;	
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and (numerical near control\$4) and ((position\$3 or location\$1 or angle\$1	IBM_TDB	
		or angular or data) same request\$4)	ļ	
_	1920	(serial\$4 with (transmission or	USPAT;	2004/09/24
		network\$1)) and ((position\$3 or	US-PGPUB;	12:29
		location\$1 or angle\$1 or angular) with	EPO; JPO;	
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and ((position\$3 or location\$1	IBM_TDB	
	1	or angle\$1 or angular) same request\$4)	_	

-	88	(((bus or mesh) near2 (topolog\$3 or	USPAT;	2004/09/24
	1	linear)) or (linear with topolog\$4)) and	US-PGPUB;	12:28
	1	((position\$3 or location\$1 or angle\$1 or	EPO; JPO;	
		angular) with (measur\$9 or detect\$5 or	DERWENT;	
		sensor\$1 or sensing)) and ((position\$3	IBM_TDB	
		or location\$1 or angle\$1 or angular)		
		with request\$4)		
-	1175	(serial\$4 with (transmission or	USPAT;	2004/09/24
İ		network\$1)) and ((position\$3 or	US-PGPUB;	12:59
		location\$1 or angle\$1 or angular) with	EPO; JPO;	
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
	l .	sensing)) and ((position\$3 or location\$1	IBM TDB	
		or angle\$1 or angular) with request\$4)	_	
-	134	(((bus or mesh) near2 (topolog\$3 or	USPAT;	2004/09/24
		linear)) or (linear with topolog\$4)) and	US-PGPUB;	12:30
		((position\$3 or location\$1 or angle\$1 or	EPO; JPO;	
		angular) with (measur\$9 or detect\$5 or	DERWENT;	
		sensor\$1 or sensing)) and ((position\$3	IBM TDB	
ļ		or location\$1 or angle\$1 or angular)	_	·
	•	same request\$4)		
_	244	(serial\$4 with (transmission or	USPAT;	2004/09/24
		network\$1)) and ((position\$3 or	US-PGPUB;	13:04
		location\$1 or angle\$1 or angular) with	EPO; JPO;	. 4
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	·
		sensing)) and ((position\$3 or location\$1	IBM TDB	
		or angle\$1 or angular) with request\$4	_	
		with signal\$1)		
_	132	(serial\$4 with (transmission or	USPAT;	2004/09/24
		network\$1)) and ((position\$3 or	US-PGPUB;	16:37
		location\$1 or angle\$1 or angular) with	EPO; JPO;	
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and ((position\$3 or location\$1	IBM TDB	
		or angle\$1 or angular) with (request\$4	_	
		near2 signal\$1))		
-	67		USPAT;	2004/09/27
		network\$1)) and ((position\$3 or	US-PGPUB;	10:19
		location\$1 or angle\$1 or angular) with	EPO; JPO;	
		(measur\$9 or detect\$5 or sensor\$1 or	DERWENT;	
		sensing)) and ((position\$3 or location\$1	IBM TDB	1
		or angle\$1 or angular) with (request\$4	= =	
		near2 command\$1))		
			·	L

10677111<u>-</u>QUAL

10677111_QUAL

4350984 98 4405930 98 PLUS Search Results for S/N 10677111, Searched September 16, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated sear ch

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that a re

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

Page 1

10677111_LIST

5999126
6044321
6046987
6078285
6128405
6175328
6230531
6236832
4250929
4262306
4289195
4321683
4333106
4350984
4405930

10677111 WEST

(5896673 5912096 4819339 4983826 5361217 6085600 4348885 4356556 44334 88 4536809 4587579 4758959 4802115 4922281 4970450 4972326 5339088 535 5526 5370094 5383128 5400647 5453941 5467656 5471406 5474088 5515078 5 528372 5678556 5798828 5870220 5901003 5902348 5946160 5991033 5991115 5999126 6044321 6046987 6078285 6128405 6175328 6230531 6236832 42509 29 4262306 4289195 4321683 4333106 4350984 4405930).pn.

10677111 EAST

4333106 .

. 10677111_EAST

4350984 4405930).pn.

10677111 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 10677111 on September 16, 2004

Original Classifications

- 2 360/75
- 2 702/152
- 2 702/168

Cross-Reference Classifications

- 2 340/990
- 2 360/77.03

Combined Classifications

- 3 360/75
- 2 33/503
- 2 340/990
- 2 342/357.17
- 2 360/77.03
- 2 702/152
- 2 702/168

10677111 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returne d

From A Search of 10677111 on September 16, 2004

```
3 360/75
               (2 OR, 1 XR)
               360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
                       RETRIEVAL
       360/69
                     AUTOMATIC CONTROL OF A RECORDER MECHANISM
       360/75
                   .Controlling the head
                (1 OR, 1 XR)
2
   33/503
      Class
               033 : GEOMETRICAL INSTRUMENTS
       33/501
                     GAUGE
       33/503
                     .Coordinate movable probe or machine
2 340/990
                (0 OR, 2 XR)
               340 : COMMUNICATIONS:
       Class
                                      ELECTRICAL
                     VEHICLE POSITION INDICATION
       340/988
       340/989
                    .At remote location
       340/990
                    ..With map display
2 342/357.17
               (1 OR, 1 XR)
               342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
       Class
                       AND DEVICES
       342/350
                     DIRECTIVE
       342/352
                    .Including a satellite
       342/357:01
                     .. With position indicating
       342/357.17
                     ...With particular action taken responsive to
                        position
2 360/77.03
               (0 OR, 2 XR)
       Class
               360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
                       RETRIEVAL
       360/69
                     AUTOMATIC CONTROL OF A RECORDER MECHANISM
       360/75
                    .Controlling the head
       360/77.01
                     .. Track centering
       360/77.02
                     ...Rotary carrier
       360/77.03
                     .... By nonmagnetic sensing (e.g., optical,
                        capacitive)
2 702/152
               (2 OR, 0 XR)
       Class
               702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
                       TESTING
       702/127
                     MEASUREMENT SYSTEM
       702/150
                    .Orientation or position
       702/152
                     ..3D position
```

10677111 CLSTITLES

			100//111 CESTITEES	
2	702/168	(2	OR, 0 XR)	
	Class	702	: DATA PROCESSING: MEASURING, CALIBRATING,	OR
			TESTING	
	702/127		MEASUREMENT SYSTEM	
	702/155		.Dimensional determination	
	702/167		Contouring	
	702/168		By probe (e.g., contact)	

10677111_WDS

```
about 1
above 3
absolute 2
abstmct 1
accompanying 1
accomplished 1
accordance 4
according 3
accordingly 4
account 7
achieved 1
acquired 2
acquisition 11
actual 1
additional 1
additively 1
address 3
addressability 1
addresses 1
adjacent 2
advantages 1
aforementioned 6
after 3
again 3
aid 1
al 1
all 8
along 1
already 2
also 11
altemative 2
although 1
always 2
among 1
an 9
analogously 3
and 75
another 6
any 1
apparent 1
applicable 3
applicant 2
application 5
ar 1
arbitrarily 1
are 41
arer 1
arrival 1
```

10677111_WDS

```
arrives 2
art 1
as 29
ascertained 6
ascribed 1
assigned 3
associated 1
asstzre 1
assumed 1
assure 3
assured 3
at 18
attached 1
attained 2
attorney 1
available 1
away 4
back 1
background 1
based 1
basic 1
basis 1
be 41
because 1
become 2
been 3
before 1
begins 2
begun 2
behveen 1
being 1
benefit 1
besides 2
between 17
binary 2
bit 1
bits 1
block 4
bmtzdrum 1
both 3
box 1
,brief 1
brings 1
brinks 1
bucket 4
buffer 6
bus 29
```

but 2

```
by 20
bypassing 1
called 8
can 14
cannot 1
case 6
central 1
certain 3
chain 4
chalmel 1
channel 6
channels 2
charmels 1
chicago 1
chnnnel 2
chronological 1
circuit 3
cited 2
claims 1
clear 1
cllronological 1
clock 1
closed 2
closer 1
cnnnot 1
colmection 1
combination 1
command 3
communications 1
completed 1
completion 1
components 4
composed 1
concept 1
concluded 1
concrete 1
concretely 1
configuration 2
conjunction 3
connected 12
connecting 2
connection 1
connections 1
constant 1
contents 3
context 1
continuous 2
control 2
```

```
copy 1
correct 1
correction 21
correspond 1
corresponding 10
correspondingly 3
corresponds 1
could 1
course 6
current 2
data 113
datai 9
dataz 2
date 3
datm 3
dd 27
ddata 3
ddl 2
ddn 3
de 6
def 1
defined 7
delay 21
delayed 2
dependent 1
depends 1
depos 1
described 14
description 6
detail 4
detailed 1
details 3
detect 1
detennination 1
determination 1
determine 1
determined 5
device 16
devices 3
diagram 3
difference 3
different 1
differential 1
differs 1
digital 8
direction 11
directly 1
disclose 1
```

```
disclosed 2
disclosure 3
discussion 1
disposed 3
distance 1
done 3
drawings 2
drfkmax 1
drivers 1
dtj 6
dtk 19
dtki 7
dtkn 1
dtkz 1
duration 6
durations 1
during 4
each 17
een 1
eeprom 2
effected 6
either 1
element 3
elements 8
embodied 4
embodiment 5
embodiments 3
employed 5
enable 2
encoder 6
ensues 1
ensuing 2
ent 1
entire 4
er 1
erwin 1
essential 2
ethemet 3
ev 1
even 1
example 10
examples 1
exchanged 4
executed 1
executing 2
execution 8
exemplary 2
exist 1
```

```
expanded 1
explain 1
explained 3
explicitly 1
express 1
expressly 1
factor 1
farther 2
felt 1
field 1
fig 17
figs 6
filed 1
filing 1
first 20
fk 1
fmhest 1
follows 1
for 52
form 8
forth 4
forwarded 2
freeman 1
from 31
function 6
fundamental 1
further 15
general 1
generated 2
generating 4
german 4
gilson 1
gom 1
graduation 1
graph 1
graphs 1
hardware 2
has 5
have 3
here 4
herein 3
hereina 1
hereinafter 2
hereinaher 1
hereinarer 1
high 1
higher 1
hofer 1
```

however 4 identical 4 identified 1 if 1 illinois 1 illustration 1 illustrations 1 immediately 4 in 134 include 2 includes 3 including 1 incomorated 2 incorporated 1 incremental 2 individual 3 infinite 1 information 2 initialization 1 inside 1 instance 8 instants 2 instead 4 instmment 1 instnlments 2 instnzment 9 instrzments 12 instrttment 1 instrtzments 1 instrum 1 instrument 25 instruments 49 intended 1 interface 16 into 7 invention 16 is 78 it 14 ition 2 itj 2 itk 1 itki 1 itkn 1 itself 1 john 1 joined 1 known 7

label 1

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length 1
lengths 1
let 2
letters 1
lf 1
likewise 1
limited 1
line 2 ~
linear 15
lines 3
lione 1
ln 12
lnvention 1
lo 1
located 1
longer 1
longest 2
low 1
lrl 1
lvds 3
machine 3
made 2
mail 1
mailing 1
make 5
malmer 1
malogously 1
manner 7
maximllm 1
may 1
mean 1
means 2
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measming 1
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meastzred 1
measudng 4
measuling 1
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measurement 12
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memodes 1
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memsuring 2
mentioned 2
met 1
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meuuring 1

10677111_WDS

```
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mode 6
most 2
mplication 1
ms 1
must 1
necessary 1
ned 1
negligible 1
next 1
no 2
normally 1
nos 1
not 8
now 4
nown 1
nth 1
number 3
numerals 1
numerical 2
object 4
occur 2
occurrence 2
occurs 3
october 2
of 165
office 1
oftheinvention 1
om 1
on 4
once 3
one 10
only 9
open 2
optionally 1
or 17
order 3
other 5
our 1
over 7
page 18
particular 6
pass 2
passage 1
patent 8
path 4
per 1
perfonned 1
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performed 1 phase 1 phys 1 physical 1 physics 9 place 1 pllzrality 1 pltlrality 1 plurality 9 point 6 pos 8 position 135 possible 12 practice 1 preceding 1 precise 1 preferred 1 prepare 1 prepared 1 prerequisite 1 present 18 principle 9 principles 1 priority 1 procedure 10 processes 1 processing 58 processwg 1 proposed 1 protocol 2 provided 12 providing 1 provisions 4 ptventor 1 publication 2 pure 1 purpose 1 ransit 1 rates 1 realized 1 received 1 recovery 1 reference 5 references 3 referred 2 reflection 2 regulator 1 related 1

```
relates 1
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reliable 1
remain 1
remaining 1
remains 1
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request 18
requested 2
required 3
requirements 1
requisite 5
respect 1
respective 11
respectively 2
result 3
resultant 2
results 2
rkmax 1
rom 1
rq 8
sake 1
same 2
schematic 3
schematically 2
scnnner 1
scope 1
se 1
second 12
see 1
seen 5
select 2
selected 2
sent 1
separate 1
serial 4
serially 3
seveml 1
several 1
shars 1
shorter 1
shortest 1
should 4
show 2
shown 5
shows 1
si 1
signal 41
```

```
signaling 1
signals 2
significance 1
significant 1
simultaneous 5
simultaneously 1
since 1
single 1
sipzal 1
siral 1
so 11
solely 1
some 1
specific 10
specitk 1
states 2
still 1
storage 4
stored 4
stream 3
such 6
suitable 2
summary 1
switch 7
synchronous 3
synchronously 2
system 1
systems 1
take 3
taken 3
takes 1
taking 2
tb 1
teclmologies 1
tenus 1
term 1
terms 2
th 1
that 33
the 397
their 1
them 2
themselves 1
then 5
therefore 2
thereupon 1
these 3
they 2
```

```
third 3
this 20
those 1
three 2
through 3
thus 6
ti 1
tilree 1
time 43
times 17
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tl 4
tllree 1
tmit 2
tmnsmission 1
to 78
together 1
tool 2
topologies 1
topology 20
total 2
trademmk 1
transfer 1
transit 30
transmission 42
transmit 2
transmitted 12
transmitting 2
trq 2
ts 4
tss 1
turn 2
tw 1
two 4
under 1
understood 5
unit 53
united 2
units 6
unless 1
until 2
urn 1
us 4
used 4
value 16
values 11
variable 1
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variant 4

variants 2 various 16 ve 1 via 6 view 1 voltage 1 way 3 well 3 whatever 1 when 1 where 2 which 25 while 3 whose 1 will 12 with 22 within 1 without 1 wllich 1 wltich 1 word 20 words 8 yet 1